| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| L1 | 198 | reference near2 pulse same count\$3 same (fail\$4 error clog\$4) same (normal standard average) same (time period) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:27 |
| L2 | 72925 | ("347").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:27 |
| L3 | 2 | L1 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:27 |
| L4 | 4609 | pulse same count\$3 same (fail\$4 error clog\$4) same (normal standard average) same (time period) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:27 |
| L5 | 28 | L2 and L4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:27 |
| L6 | 4 | (("6299277") or ("5500657")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
| L7 | 72925 | ("347").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
| L8 | 2778 | (347/19).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |

| L9 | 649 | (347/23).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
|-------|-------|--|---|----|---------|------------------|
| L10 | 17 | (("4034380") or ("5500657") or ("20020089562") or ("20020063745") or ("6447091") or ("6494560") or ("6481824") or ("20020130918")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
| L11 | · 2 | ("7150513").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
| L12 | 72925 | ("347").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/28 15:28 |
| L13 | 4609 | pulse same count\$3 same (fail\$4 error clog\$4) same (normal standard average) same (time period) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:28 |
| L14 | 28 | L12 and L13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:28 |
| L15 | 852 | diaphragm and actuator and cavity and pulse and count\$3 and (fail\$3 error) and (drive\$1 driving) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON , | 2007/09/28 15:29 |
| L16 . | 95 | L15 and L7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 15:29 |

| L17 | 4609 | pulse same count\$3 same (fail\$4 error clog\$4) same (normal standard average) same (time | US-PGPUB; USPAT; USOCR; | OR | ON | 2007/09/28 15:29 |
|-----|------|--|-------------------------------|----|----|------------------|
| 1 | | standard average) same (time period) | EPO; JPO; DERWENT; | | | |
| | | • | IBM_TDB | | | |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|----------|---------------------|---------|------------------|
| L18 | 18 | (diaphragm and actuator and (tank cavity chamber) and fail\$4 and detect\$3).clm. | US-PGPUB | OR | ON | 2007/09/28 15:29 |

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